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UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. **FUR0005-DIV.1**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

111/a) and 37 C F.R. 1.53(h) is a new utility patent application for an

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If a C	ONTI	NUA.	TION A	۱PI	PLICATION,	chec	ck appropriate bo	x and supply	the requisite information:	
	Conti				Divisional				of prior application No.: _	09/320,543
Which	Conti	nuati	on [-	Divisional		Continuation-i	n-part (CIP)	of prior application No.: _	
	Conti		ion [Divisional		Continuation-i	in-part (CIP)	of prior application No.:	,
Enclo	sed a	are:					Application	n Elements		
1.	\boxtimes	Filin	g fee a	s c	alculated and	d trai	nsmitted as desc	ribed below		
2.	×	Spe	cificatio	on I	having		70	_ pages and i	ncluding the following:	
	a.	×	Descr	ipti	ive Title of the	e Inv	ention			
	b. Cross References to Related Applications (if applicable)									
	c.	c. Statement Regarding Federally-sponsored Research/Development (if applicable)								
	d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix									
	e. 🗵 Background of the Invention									
	f.	X	Brief S	Sur	mmary of the	Inve	ention			
	g. Brief Description of the Drawings (if filed)									
	h.	X	Detail	ed	Description					
	i.	X	Claim	(s)	as Classified	d Bel	low			
	j.	X	Abstra	act	of the Disclo	sure	•			

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Total Pages in this Submission

Application Elements (Continued)

3.	X	Drav	Drawing(s) (when necessary as prescribed by 35 USC 113)						
	a.	\boxtimes	Formal	Number of Sheets	49 (FORTY-NINE)				
	b.		Informal	Number of Sheets					
4.	\boxtimes	Oatl	Dath or Declaration						
	a.								
	b.	X	Copy from a prior a	application (37 CFR 1.63	B(d)) (for continuation/divisional application only)				
	C.		With Power of Atto	rney 🔲 Without P	ower of Attorney				
	d.		DELETION OF INV Signed statement a see 37 C.F.R. 1.63	attached deleting invent	or(s) named in the prior application,				
5.	X	Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6.		CD	CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)						
7.			lication Data Sheet						
8.		Nuc	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)						
	a.		☐ Computer Readable Form (CRF)						
	b.		☐ Specification Sequence Listing on:						
			i. CD-ROM or CD-R (2 copies); or						
			ii. 🗌 Paper						
	C.		 Statement(s) Verifying Identical Paper and Computer Readable Copy 						
				Accompanying	Application Parts				
9.		Assignment Papers (cover sheet & document(s))							
10.		37	37 CFR 3.73(B) Statement (when there is an assignee)						
11.		English Translation Document (if applicable)							
12.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations							
13.	X	Preliminary Amendment							
14.	X	Re	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
15.		Се	Certified Copy of Priority Document(s) (if foreign priority is claimed)						
16.		Се	rtificate of Mailing						
			First Class	Express Mail (Specify	Label No.):				

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Total Pages in this Submission

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Docket No.

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	Accompanying Application Parts (Continued)
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED

#Filed #Allowed Rate Fee For #Extra \$0.00 **Total Claims** - 20 = \$18.00 10 0 Х 2 - 3 = 0 \$84.00 \$0.00 Indep. Claims Х Multiple Dependent Claims (check if applicable) \$0.00 \$770.00 **BASIC FEE** \$0.00 OTHER FEE (specify purpose) **TOTAL FILING FEE** \$770.00

\boxtimes	A check in the amount of	\$770.00	to cover the filing fee is enclose
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☐ The Commissioner is hereby authorized to charge and credit Deposit Account No.

50-1390

as described below. A duplicate copy of this sheet is enclosed.

□ Charge the amount of as filing fee.

☐ Charge the amount of☒ Credit any overpayment.

Charge any additional filing fees required under 37 C.F.R. 1.16 and ₱1.17

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☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance

pursuant to 37 C.F.R. 1.311(b).

Signature

Dated: OCTOBER 30, 2003

CC:

28970

PATENT TRADEMARK OFFICE

MICHAEL D. BEDNAREK REG. NO. 32,329 SHAW PITTMAN LLP 1650 TYSONS BOULEVARD MCLEAN, VA 22102

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